

ABSTRACT OF THE DISCLOSURE

A prism sheet includes a light incident surface for receiving the light, a light emission surface for emitting the light incident on the light incident surface, which includes at least one light concentrate unit having at least two inclined surfaces on which 5 the light is incident and refracted. A peak angle between the two inclined surfaces is obtuse and determined in association with a refraction index of the prism sheet. The light emission surface has multiple light concentrate units that each have a shape of a prism column and are arranged parallel with each other in a longitudinal direction of the light concentrate units. A liquid crystal display device includes the prism sheet, a lamp 10 assembly for generating light, a diffusion plate for diffusing the light, and a LCD panel assembly for displaying images using the light from the prism sheet and image data externally provided.